Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089005.D
Acq On : 15 Jul 2016 00:51
Operator : UM/SJ
Sample : H3972-16MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS04(0-2in)MS

Manual Integrations
APPROVED
Sohil
7/15/2016 9:16:36 AM

Quant Time: Jul 15 15:09:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	48973	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	196694	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	76226	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	130343	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	98456	20.00	ng		-0.02
86) Perylene-d12	15.19	264	72015	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	346276	105.97	ng		0.00
7) Phenol-d6	6.34	99	412935	97.80	ng		-0.01
23) Nitrobenzene-d5	7.26	82	247255	65.88	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	60564	85.56	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	385061	79.79	ng		-0.02
78) Terphenyl-d14	12.78	244	278873	63.09	ng		-0.02
Target Compounds							Qvalue
3) Pyridine	2.84	79	120269	25.58	ng		95
4) n-Nitrosodimethylamine	2.80	42	59376	33.06	ng		98
6) Aniline	6.38	93	73963	12.02	ng		95
8) 2-Chlorophenol	6.48	128	131620	37.48	ng		90
9) Benzaldehyde	6.23	77	63496	22.20	ng		89
10) Phenol	6.35	94	127767	26.51	ng	#	61
11) bis(2-Chloroethyl)ether	6.43	93	140944	39.22	ng	#	82
12) 1,3-Dichlorobenzene	6.63	146	135351	35.02	ng		99
13) 1,4-Dichlorobenzene	6.71	146	141906	36.99	ng		99
14) 1,2-Dichlorobenzene	6.86	146	116670	32.49	ng	#	88
15) Benzyl Alcohol	6.84	79	113915	36.66	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	148529	28.54	ng		87
17) 2-Methylphenol	6.97	107	95170	33.22	ng	#	92
18) Hexachloroethane	7.20	117	29166	19.66	ng	#	85
19) n-Nitroso-di-n-propylamine	7.11	70	89872	31.69	ng		97
20) 3+4-Methylphenols	7.12	107	126224	36.71	ng	#	79
22) Acetophenone	7.11	105	186055	38.97	ng		97
24) Nitrobenzene	7.28	77	144866	38.28	ng		94
25) Isophorone	7.52	82	242312	34.85	ng		97
26) 2-Nitrophenol	7.59	139	46611	30.04	ng	#	84
27) 2,4-Dimethylphenol	7.64	122	107889	33.38	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	161408	35.67	ng	#	95
29) 2,4-Dichlorophenol	7.84	162	87118	33.35	ng		95
30) 1,2,4-Trichlorobenzene	7.92	180	100107	34.92	ng		98
31) Naphthalene	8.00	128	371647	38.33	ng		99
33) 4-Chloroaniline	8.06	127	62121	14.40	ng		98
34) Hexachlorobutadiene	8.12	225	52082	33.93	ng		98
35) Caprolactam	8.41	113	26889	30.31	ng	#	80
36) 4-Chloro-3-methylphenol	8.55	107	92520	29.95	ng		91
37) 2-Methylnaphthalene	8.68	142	200565	32.12	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	90253	35.60	ng	#	1
42) 2,4,6-Trichlorophenol	8.97	196	59913	35.84	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	57538	40.01	ng		99
45) 1,1'-Biphenyl	9.15	154	244872	38.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.18	162	179152	36.15	ng		94
47) 2-Nitroaniline	9.27	65	60770	34.56	ng		97
48) Acenaphthylene	9.59	152	295667	37.50	ng		98
49) Dimethylphthalate	9.45	163	254015	46.77	ng		100
50) 2,6-Dinitrotoluene	9.52	165	37590	31.23	ng		92
51) Acenaphthene	9.76	154	164859	34.11	ng		97
52) 3-Nitroaniline	9.68	138	45536	29.76	ng		100
54) Dibenzofuran	9.93	168	236092	37.32	ng		97
55) 4-Nitrophenol	9.86	139	68654	59.05	ng	#	73
56) 2,4-Dinitrotoluene	9.92	165	48939	31.10	ng	#	72
57) Fluorene	10.26	166	175722	36.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	37816	33.99	ng	#	45
59) Diethylphthalate	10.15	149	197919	36.32	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	85912	37.93	ng		96
61) 4-Nitroaniline	10.28	138	43184	29.33	ng	#	77
62) Azobenzene	10.42	77	229584	36.93	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	1795	2.57	ng		96
65) n-Nitrosodiphenylamine	10.38	169	150829	34.19	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	44404	33.81	ng		93
67) Hexachlorobenzene	10.81	284	41503	28.54	ng	#	83
68) Atrazine	10.91	200	48714	35.44	ng		92
69) Pentachlorophenol	11.02	266	47389	55.07	ng		97
70) Phenanthrene	11.22	178	409396	57.46	ng		99
71) Anthracene	11.27	178	283862	40.07	ng		98
72) Carbazole	11.43	167	251720	37.75	ng		100
73) Di-n-butylphthalate	11.77	149	326007	42.03	ng		99
74) Fluoranthene	12.41	202	648101	89.72	ng		93
77) Pyrene	12.63	202	535439	64.14	ng		99
79) Butylbenzylphthalate	13.26	149	146694	39.39	ng	#	77
80) Benzo(a)anthracene	13.82	228	353061	55.69	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	38855	16.30	ng	#	97
82) Chrysene	13.85	228	313340m	49.96	ng		
83) Bis(2-ethylhexyl)phthalate	13.83	149	199650	46.96	ng	#	98
84) Di-n-octyl phthalate	14.43	149	303888	42.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	197419	40.91	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	351041m	77.71	ng		
88) Benzo(k)fluoranthene	14.85	252	175831m	44.71	ng		
89) Benzo(a)pyrene	15.14	252	243564	63.68	ng		96
90) Dibenzo(a,h)anthracene	16.49	278	136558	42.76	ng		99
91) Benzo(g,h,i)perylene	16.87	276	169001	51.13	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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